### PATENT APPLICATION FEE DETERMINATION RECORD

International Bureau



### THE CONTROL OF THE C

## (43) International Publication Date 6 February 2003 (06.02.2003)

#### **PCT**

# (10) International Publication Number WO 03/010327 A2

(51)	International 1	Patent Classification <sup>7</sup> : C12Q	US	60/308,901 (CIP)
	<b>.</b>		Filed on	31 July 2001 (31.07.2001)
(21)	International.	Application Number: PCT/US02/14199	US	60/330,292 (CIP)
(22)	International	Filing Date: 2 May 2002 (02.05.2002)	Filed on	18 October 2001 (18.10.2001)
(22)	International Filing Date: 2 May 2002 (02.05.2002)		US	60/288,063 (CIP)
(25)	Filing Langua	ge: English	Filed on	2 May 2001 (02.05.2001)
(=0)	I mig Dauguage.		US	60/289,087 (CIP)
(26)	Publication Language: English		Filed on	7 May 2001 (07.05.2001)
` '			US	60/289,818 (CIP)
(30)	Priority Data:		Filed on	.9 May 2001 (09.05.2001)
	60/288,063	2 May 2001 (02.05.2001) US	US	60/313,416 (CIP)
	60/288,395	3 May 2001 (03.05.2001) US	Filed on	17 August 2001 (17.08.2001)
	60/289,087	7 May 2001 (07.05.2001) US	US	60/289,817 (CIP)
	60/289,818	9 May 2001 (09.05.2001) US	Filed on	5 September 2001 (05.09.2001)
	60/289,817	9 May 2001 (09.05.2001) US	US	60/290,194 (CIP)
	60/290,194	11 May 2001 (11.05.2001) US	Filed on	11 May 2001 (11.05.2001)
	60/290,753	14 May 2001 (14.05.2001) US	US	60/325,683 (CIP)
	60/291,181	15 May 2001 (15.05.2001) US	Filed on	27 September 2001 (27.09.2001)
=	60/291,243	16 May 2001 (16.05.2001) US	US	60/336,909 (CIP)
	60/292,001	18 May 2001 (18.05.2001) US	Filed on	3 December 2001 (03.12.2001)
	60/292,374	21 May 2001 (21.05.2001) US	US	60/290,753 (CIP)
	60/292,587	22 May 2001 (22.05.2001) US	Filed on	14 May 2001 (14.05.2001)
	60/293,107	23 May 2001 (23.05.2001) US	US	60/291,181 (CIP)
	60/293,747	25 May 2001 (25.05.2001) US	Filed on	15 May 2001 (15.05.2001)
	60/294,110	29 May 2001 (29.05.2001) US *	US	60/291,243 (CIP)
	60/294,109	29 May 2001 (29.05.2001) US	Filed on	16 May 2001 (16.05.2001)
	60/294,434	30 May 2001 (30.05.2001) US	US	60/292,001 (CIP)
	60/294,827	31 May 2001 (31.05.2001) US	Filed on	18 May 2001 (18.05.2001)
	60/304,879	12 July 2001 (12.07.2001) US	US	60/292,374 (CIP)
	60/308,901	31 July 2001 (31.07.2001) US	Filed on	21 May 2001 (21.05.2001)
	60/312,270	14 August 2001 (14.08.2001) US	US	60/312,270 (CIP)
	60/313,416	17 August 2001 (17.08.2001) US	Filed on	14 August 2001 (14.08.2001)
	60/318,463	10 September 2001 (10.09.2001) US	US	60/292,587 (CIP)
	60/325,683	27 September 2001 (27.09.2001) US	Filed on	22 May 2001 (22.05.2001)
	60/330,292	18 October 2001 (18.10.2001) US	US	60/359,245 (CIP)
	60/333,873	28 November 2001 (28.11.2001) US	Filed on	21 February 2001 (21.02.2001)
	60/336,909	3 December 2001 (03.12.2001) US	US	60/293,107 (CIP)
=	60/337,552	3 December 2001 (03.12.2001) US	Filed on	23 May 2001 (23.05.2001)
	60/359,245	21 February 2002 (21.02.2002) US	US	60/294,110 (CIP)
	10/136,826	1 May 2002 (21.02.2002) US	Filed on	29 May 2001 (29.05.2001)
	10/150,020	1 May 2002 (01.03.2002)	US	60/304,879 (CIP)
≡ <sub>(63)</sub>	Related by con	ntinuation (CON) or continuation-in-part	Filed on	12 July 2001 (12.07.2001)
()	(CIP) to earlier applications:		US	60/293,747 (CIP)
	US	60/288,395 (CIP)	Filed on	25 May 2001 (25.05.2001)
3	Filed on	3 May 2001 (03.05.2001)		<u>-</u>
₹		, , ,		[Cantinual and
				[Continued on next page]

(54) Title: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME

(57) Abstract: The present invention provides novel isolated polynucleotides and small molecule target polypeptides encoded by the polynucleotides. Antibodies that immunospecifically bind to a novel small molecule target polypeptide or any derivative, variant, mutant or fragment of that polypeptide, polynucleotide or antibody are disclosed, as are methods in which the small molecule target polypeptide, polynucleotide and antibody are utilized in the detection and treatment of a broad range of pathological states. More specifically, the present invention discloses methods of using recombinantly expressed and/or endogenously expressed proteins in various screening procedures for the purpose of identifying therapeutic antibodies and therapeutic small molecules associated with diseases.

42

**WO 03/01032**